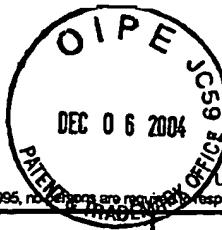




Sheet 1 of 1

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			ATTY DOCKET NO.		SERIAL NO.		
			56737 (70904)		10/004,564		
			APPLICANT(S): A. Takahashi et al.				
			FILING DATE: December 5, 2001		ART UNIT: 2652		
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILE DATE IF APPR
AC	AA	4,278,258	7/1981	Fujita et al.	—	—	RECEIVED
							MAR 01 2004
FOREIGN PATENT DOCUMENTS					Technology Center 2600		
		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
AC	BA	03-142767	06/1991	JAPAN	—	—	See Abstract in English
AC	BB	07-320359	12/1995	JAPAN	—	—	See Abstract in English
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
Examiner:	<i>Munawar</i>			Date:	<i>5/23/05</i>		



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006, OMB 0651-0031
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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/004,564-Conf. #7094
				Filing Date	December 5, 2001
				First Named Inventor	Akira Takahashi
				Art Unit	2652
				Examiner Name	A. T. Cao
Sheet	1	of	1	Attorney Docket Number	56737(70904)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
AC	BA	JP-2000-082236	03/2000		✓
	BB	JP-11-238335	08/1999		✓
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↓	BH	JP-04-067486	03/1992		✓
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no English

Class
Subclass

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
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Examiner Signature	<i>M. Cao</i>	Date Considered	5/23/05
469132			